(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Print date: 01/27/2004

Map symbol and soil name	 Pct. of map unit	construction of haul roads and	haul roads and				 Suitability for use of harvesting equipment 	
				Rating class and limiting features				
AgA:	-	' 	¦	'	¦	'	'	
Allegheny				 Moderately suited Strength 	0.50			
AgB:			İ		İ		İ	
Allegheny				Moderately suited Strength 	0.50		0.50	
AgC: Allegheny				 Moderately suited Strength Slope	0.50	-	0.50	
AsA: Ashton	 - 95 	 Moderate Strength 	 0.50	 Moderately suited Strength 	 0.50	 Moderately suited Strength Rutting hazard	0.50	
Melvin			1.00	 Poorly suited Horizon table contains no data 	1.00 	Horizon table contains no data	 1.00 0.50	
AsB:]	 	 	 	
Ashton	- 95 			Moderately suited Strength 			0.50	
Melvin		•	11.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50	
CoB: Coolville	 - 100 			 Moderately suited Strength 	0.50	-	0.50	
CoC: Coolville	 - 100 		 0.50	-	 0.50 0.05		 0.50 0.50	
GlC: Gilpin	 - 100 	•	 0.34	=			 0.50 0.50	
GuC: Gilpin	- 55	 Moderate	 	 Moderately suited	 	 Moderately suited	 	

Table FOR-1.--Forestland Management--Continued

Map symbol and soil name	Pct. Limitations affecting of construction of map haul roads and unit log landings		ting f	Suitability for log landings	 Suitability for us harvesting equipm 	e of ent	
		Rating class and limiting features					
		 Strength 		Strength	0.50	Rutting hazard	0.50
Upshur	 25 	 Moderate Strength 	 0.34 		 0.63 0.50	Moderately suited Strength Rutting hazard	0.50
Other Soils	 20 	Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 	Poorly suited Horizon table	
GuC3: Gilpin	 55 	Strength	10.34	 Moderately suited Slope Strength	10.63	Strength	10.50
Upshur	 25 	Strength	10.34	 Moderately suited Slope Strength	10.63	Strength	10.50
Other Soils		 Severe Horizon table contains no data 	1.00	contains no data	1.00 	Horizon table	I
GuD: Gilpin	 55 	 Moderate Strength 15 to 30% slope 	 0.50 0.22	 Poorly suited Slope Strength	1.00 0.50	Strength Rutting hazard 20 to 35% slope	0.50 0.50 0.01
Upshur		 Moderate Strength Stickiness/slope 15 to 30% slope	0.50	Strength	0.50	Moderately suited Strength	0.50
Other Soils	1	 Severe Horizon table contains no data 	1.00		1.00	Horizon table contains no data	
GuD3: Gilpin	 55 		0.50		1.00	Rutting hazard	 0.50 0.50 0.01
Upshur	 25 	•	0.50 0.50	Strength		Rutting hazard	 0.50 0.50 0.01
Other Soils	20		11.00	 Poorly suited Horizon table contains no data 	1.00	 Poorly suited Horizon table contains no data Rutting hazard	 1.00 0.50

Table FOR-1.--Forestland Management--Continued

	Pct. of map unit	haul roads and				Suitability for use of harvesting equipment 		
		 Rating class and limiting features						
GuE: Gilpin		>30% slope	1.00		1.00 0.50	 Moderately suited 20 to 35% slope Strength Rutting hazard	0.50	
Other Soils		Horizon table	11.00		1.00 	 Poorly suited Horizon table contains no data Rutting hazard		
Upshur	İ	>30% slope	1.00 0.50	Strength	1.00 0.50	20 to 35% slope	0.67 0.50	
GuE3: Gilpin				Slope	1.00	 Moderately suited 20 to 35% slope Strength Rutting hazard	0.50	
Other Soils		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 	 Poorly suited Horizon table contains no data Rutting hazard		
Upshur		 Moderate >30% slope Strength Stickiness/slope	1.00 0.50	Slope Strength	1.00	 Moderately suited 20 to 35% slope Strength Rutting hazard	0.67 0.50	
GuF: Gilpin	İ	>30% slope	11.00	Slope	11.00	· <u>-</u>	 1.00 0.50 0.50	
Other Soils		 Severe Horizon table contains no data 	11.00		11.00	contains no data		
Upshur	 25 	>30% slope		=	1.00	Strength	 1.00 0.50 0.50	
GuF3: Gilpin	50 	>30% slope	1.00	=	1.00	_	 1.00 0.50 0.50	
Other Soils	 25 		11.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50	

Table FOR-1.--Forestland Management--Continued

and soil name	of	haul roads and	f -			Suitability for use of harvesting equipment 	
		 Rating class and limiting features 					
Upshur		>30% slope	1.00	Slope	11.00	Strength	 1.00 0.50 0.50
GvE: Gilpin		15 to 30% slope Strength	0.77 0.50	Slope	1.00 0.50 0.23	Strength Rutting hazard 20 to 35% slope	0.50 0.50
Other Soils		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 	 Poorly suited Horizon table contains no data Rutting hazard	
Upshur		15 to 30% slope Strength	0.77 0.50	Slope Strength Rock fragments	1.00 0.50 0.23	 Moderately suited Strength Rutting hazard 20 to 35% slope Rock fragments	0.50 0.50 0.34
GvF: Gilpin		>30% slope	1.00	Strength	1.00 0.50	>35% slope Strength Rutting hazard	 1.00 0.50 0.50 0.23
Other Soils		 Severe Horizon table		 Poorly suited Horizon table			 1.00
		contains no data 	 	contains no data 	 	contains no data Rutting hazard	
Upshur	İ		1.00	Strength	1.00 0.50	>35% slope Strength Rutting hazard	 1.00 0.50 0.50 0.23
HaA: Hackers	95 95			 Moderately suited Strength 			 0.50 0.50
Melvin	 5 	 Severe Horizon table contains no data 	11.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50
HaB: Hackers	 100 			 Moderately suited Strength 		Strength	 0.50 0.50
Hu: Huntington	 95 			 Moderately suited Strength		 Moderately suited	 0.50

Table FOR-1.--Forestland Management--Continued

and soil name	Pct. Limitations aff of construction map haul roads a unit log landing		Ē -	 Suitability fo: log landings 		Suitability for use of harvesting equipment	
				 Rating class and limiting features 			
			 		 	 Rutting hazard	10.50
Melvin		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 	contains no data	 1.00 0.50
KaA: Kanawha				 Moderately suited Strength 	0.50		0.50
Melvin		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00	 Poorly suited Horizon table contains no data Rutting hazard 	
KaB: Kanawha				 Moderately suited Strength 			0.50
Melvin			1.00	 Poorly suited Horizon table contains no data 	1.00 		
Lic:				 Moderately suited Strength Slope 	0.50		0.50
Lily	 100 	 Moderate Strength 15 to 30% slope 	 0.50 0.01	 Poorly suited Slope Strength 	 1.00 0.50	 Moderately suited Strength Rutting hazard 	 0.50 0.50
LIE: Lily	 100 	15 to 30% slope		Slope		Rutting hazard	 0.50 0.50 0.34
Ln: Lindside	 95 	Flooding	0.88	=	 0.88 0.50	=	 0.50 0.50
Melvin	 5 	 Severe Horizon table contains no data 	1.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50
Me: Melvin	 100 	Flooding	 1.00 0.50	Wetness	 1.00 1.00 0.50	Rutting hazard	 0.50 0.50

Table FOR-1.--Forestland Management--Continued

and soil name	of map	Limitations affect construction of haul roads and log landings			Suitability for use of harvesting equipment 		
	 			 Rating class and limiting features 			
Mf: Melvin	 40 	Flooding Strength	1.00 0.50	Wetness	1.00	Strength Rutting hazard	0.50
Lindside	 30 	 Moderate Flooding Strength	 0.88 0.50	 Moderately suited Flooding Strength	 0.88 0.50	 Moderately suited Strength Rutting hazard	 0.50 0.50
Other Soils	30 	Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 	Horizon table	
MgB: Monongahela		 Moderate Strength 	 0.50 	 Moderately suited Strength 	 0.50 	 Moderately suited Strength Rutting hazard	 0.50 0.50
Robertsville		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 		I
MgC: Monongahela			0.34	 Moderately suited Slope Strength 	0.63		0.50
Mo: Moshannon	ĺ	Flooding	0.88	 Moderately suited Flooding Strength	0.88	Strength	0.50
Melvin		Horizon table contains no data	1.00 	 Poorly suited Horizon table contains no data 	1.00 	Horizon table contains no data	
Se: Senecaville	 95 	Flooding	0.88			Strength	 0.50 0.50
Melvin	 5 	 Severe Horizon table contains no data 	11.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50
Sf: Senecaville	 95 	Flooding					 0.50 0.50
Melvin	 5 	 Severe Horizon table contains no data	11.00	 Poorly suited Horizon table contains no data	11.00	 Poorly suited Horizon table contains no data	 1.00

Table FOR-1.--Forestland Management--Continued

and soil name	of	haul roads and	f -			Suitability for use of harvesting equipment 	
				Rating class and limiting features			
	 	 	' 	 	 	 	 0.50
Sn: Sensabaugh	 95 	 Moderate Flooding Strength	 0.50 0.50	 Moderately suited Flooding Strength	 0.50 0.50	 Moderately suited Strength Rutting hazard	 0.50 0.50
Melvin		Horizon table	1.00	 Poorly suited Horizon table contains no data 	11.00		
SrB: Sensabaugh	 100 			 Moderately suited Strength 	0.50		0.50
TlB: Tilsit				 Moderately suited Strength 			0.50
Ty: Tyler	 95 			 Moderately suited Wetness Strength	0.86		0.50
Purdy		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 		
UA: Udifluvents		Horizon table	11.00	 - Poorly suited Horizon table contains no data 	11.00		
Fluvaquents	 30 	Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	11.00
Other Soils		•	11.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50
Melvin	 5 		11.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50
UB: Udorthents	 100 		11.00	 Poorly suited Horizon table contains no data 	1.00 	contains no data	 1.00 0.50

Table FOR-1.--Forestland Management--Continued

and soil name	Pct. Limitations affect: of construction of map haul roads and unit log landings		ting Suitability for f log landings 		_		
				 Rating class and limiting features 			
UC: Udorthents		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 		
Wet Minesoil		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 	Horizon table	ĺ
UD: Udorthents		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00 		1
UeB: Upshur	 100 			 Moderately suited Strength 	0.50		0.50
UeC: Upshur	 100 	 Moderate Strength	 0.34 	 Moderately suited Slope Strength	 0.63 0.50	 Moderately suited Strength Rutting hazard	 0.50 0.50
UfC3: Upshur	l			 Moderately suited Slope Strength			
UgC: Upshur			0.34	 Moderately suited Slope Strength	0.63	Strength	0.50
Gilpin				 Moderately suited Slope Strength	0.63	Strength	
Other Soils			1.00	 Poorly suited Horizon table contains no data 	11.00	contains no data	 1.00 0.50
UgC3: Upshur	 65 	Stickiness/slope	0.34		0.63	Strength	 0.50 0.50
Gilpin	20 20 				0.63		 0.50 0.50
Other Soils				 Poorly suited Horizon table		 Poorly suited Horizon table	1 1.00
	l	contains no data	I	contains no data	-	contains no data	

Table FOR-1.--Forestland Management--Continued

and soil name	of map	Limitations affecting construction of haul roads and log landings				Suitability for use of harvesting equipment	
				 Rating class and limiting features			
		 	 		 	 Rutting hazard	0.50
UgD: Upshur		 Moderate Strength Stickiness/slope 15 to 30% slope	0.50	Strength	1.00 0.50	 Noderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50
Gilpin	İ	 Moderate Strength 15 to 30% slope 	0.50	Slope	1.00	 Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50
Other Soils		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 		
UgD3: Upshur	 	Strength	0.50 0.50	Slope Strength	1.00 0.50	Strength	0.50 0.50
Gilpin		 Moderate Strength 15 to 30% slope 	0.50	Slope	1.00	 Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50
Other Soils		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 		
UgE: Upshur	İ I	>30% slope Strength Stickiness/slope	1.00 0.50 0.50	Strength 	1.00 0.50 	20 to 35% slope Strength Rutting hazard	0.67 0.50 0.50
Gilpin	 25 	Moderate >30% slope	i			Moderately suited 20 to 35% slope Strength	 0.67 0.50 0.50
Other Soils	 25 		11.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50
UgE3: Upshur	 50 	-	1.00 0.50	Strength	 1.00 0.50	Strength	 0.67 0.50 0.50
Gilpin	 25 	>30% slope	 1.00 0.50	=		=	 0.67 0.50

Table FOR-1.--Forestland Management--Continued

and soil name	Pct. Limitations affecting of construction of map haul roads and unit log landings		•		Suitability for use of harvesting equipment 		
	 			 Rating class and limiting features			
Other Soils		Horizon table	1.00	 	11.00	Rutting hazard 	 1.00
Uh: Urban Land	 100 	 Not rated 	 	 Not rated 	 	 Not rated 	
UkB: Urban Land	 45	 Not rated	 	 Not rated	 	 Not rated	
Kanawha				 Moderately suited Strength 	0.50		0.50
Other Soils		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 		
Melvin		Horizon table	11.00	 Poorly suited Horizon table contains no data 	1.00 		
Un: Urban Land	 45	 Not rated	 	 Not rated	 	 Not rated	
Lindside		Flooding	0.88	 Moderately suited Flooding Strength	0.88	Strength	0.50
Other Soils		Horizon table	1.00	 Poorly suited Horizon table contains no data 	1.00	Horizon table	
Melvin		•	11.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50
UoB: Urban Land	1 40	 Not rated	 	 Not rated		 Not rated	
Monongahela	 30 	 Moderate Strength 	 0.50 	 Moderately suited Strength 	0.50	-	 0.50 0.50
Other Soils			1.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50

Table FOR-1.--Forestland Management--Continued

and soil name	Pct. Limitations affect of construction of map haul roads and unit log landings		of log landings d					
				Rating class and limiting features				
UvC: Urban Land	 40	 Not rated	 	 Not rated	 	 Not rated		
Other Soils	 30 		1.00	 Poorly suited Horizon table contains no data 	1.00 	 Poorly suited Horizon table contains no data Rutting hazard	I	
Vincent			0.50	 Moderately suited Strength Slope 	0.50	 Moderately suited Strength Rutting hazard 	0.50	
VaC: Vandalia	 100 		10.34	 Moderately suited Slope Strength	10.63	Strength	10.50	
VaD: Vandalia	İ	 Moderate Strength 15 to 30% slope Stickiness/slope	0.50 0.22	Slope Strength	1.00	 Moderately suited Strength Rutting hazard 20 to 35% slope	0.50 0.50	
VaE: Vandalia	 100 		1.00 0.50	Slope Strength	1.00 0.50	 Moderately suited 20 to 35% slope Strength Rutting hazard	10.50	
VbD: Vandalia	 100 	15 to 30% slope	0.22	 Poorly suited Slope Strength Rock fragments	1.00 0.50 0.23	Strength Rutting hazard	0.50 0.50 0.23	
VdD3: Vandalia		 Moderate Strength 15 to 30% slope Stickiness/slope 	0.50 0.22	Slope Strength	1.00			
VeB: Vincent	 100 			 Moderately suited Strength 	 0.50 	•	 0.50 0.50	
VeC: Vincent	 100 	•	 0.50 	-		Strength	 0.50 0.50	
W: Water	 100 		1.00	 Poorly suited Horizon table contains no data 	1.00	contains no data	 1.00 0.50	

Table FOR-1.--Forestland Management--Continued

and soil name			f	Suitability for		 Suitability for use of harvesting equipment 	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features 	Value
ZoB:		 	 	 	I I	l I	I I
Zoar 	95	Moderate Strength 	10.50	Moderately suited Strength 	 0.50 	Moderately suited Strength Rutting hazard 	 0.50 0.50
Purdy	5	 Severe Horizon table contains no data 	11.00	Poorly suited Horizon table contains no data 	11.00	Poorly suited Horizon table contains no data Rutting hazard	 1.00 a 0.50